

Worksheet 5. Application Summary

This worksheet will be posted on the web to notify the public of requests for critical use exemptions beyond the 2005 phase out for methyl bromide. Therefore, this worksheet cannot be claimed as CBI.

1. Consortium Name: California Pepper Commission

2. Location: California

3. Crop: Pepper

Pounds of Methyl

4. Bromide Requested 2007 300,000 lbs.

Acres Treated with Methyl

5. Bromide 2007 1,875 Acres

6. If methyl bromide is requested for additional years, reason for request:

2006	<u>300,000</u>	<u>lbs.</u>	Area Treated	<u>1,875</u>	<u>Acres</u>
2007	<u>300,000</u>	<u>lbs.</u>	Area Treated	<u>1,875</u>	<u>Acres</u>
2008	<u>300,000</u>	<u>lbs.</u>	Area Treated	<u>1,875</u>	<u>Acres</u>

Place an "X" in the column(s) labeled "Not Technically Feasible" and/or "Not Economically Feasible" where appropriate. Use the "Reasons" column to describe why the potential alternative is not feasible.

Potential Alternatives	Not Technically Feasible	Not Economically Feasible	Reasons
1,3-D	X		Township caps limit use. Not effective against soil borne pathogens, which are the major problems for which MBr is used on 10% of the acreage.
1,3-D + Chloropicrin	X		Concentrations of chloropicrin in 1,3-D/chloropicrin premixes are not high enough to control diseases when used at maximum label rates.
Chloropicrin	X		Does not distribute throughout soil profile when applied alone, resulting in inadequate efficacy. Does not adequately control <i>Phytophthora</i> when used according to label directions.
Metam Sodium	X		Does not control <i>Phytophthora</i> or wilts. Results are erratic and plants are subject to phytotoxicity.
Metam Sodium/Crop Rotation	X	X	See above. Due to high land costs, there are not many crops that can be rotated with pepper that will provide an economic return. A four or five year rotation is necessary to adequately reduce inoculum in soil.
Solarization/Fungicides	X		Temperatures do not get high enough on the coast during land preparation period to control pathogens in soil.